

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034197.D
 Acq On : 21 Feb 2023 09:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 21 15:52:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	86	0.00
2 T	Dichlorodifluoromethane	0.432	0.427	1.2	81	0.00
3 P	Chloromethane	0.622	0.600	3.5	81	0.00
4 C	Vinyl Chloride	0.566	0.596	-5.3#	88	0.00
5 T	Bromomethane	0.225	0.250	-11.1	89	0.00
6 T	Chloroethane	0.285	0.322	-13.0	90	0.00
7 T	Trichlorofluoromethane	0.766	0.828	-8.1	91	0.00
8 T	Diethyl Ether	0.309	0.307	0.6	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.490	9.1	77	0.00
10 T	Methyl Iodide	0.657	0.547	16.7	68	0.00
11 T	Tert butyl alcohol	0.151	0.122	19.2	72	0.00
12 CM	1,1-Dichloroethene	0.541	0.486	10.2#	76	0.00
13 T	Acrolein	0.069	0.060	13.0	80	0.00
14 T	Allyl chloride	1.147	0.985	14.1	72	0.00
15 T	Acrylonitrile	0.329	0.298	9.4	76	0.00
16 T	Acetone	0.347	0.333	4.0	84	0.00
17 T	Carbon Disulfide	1.555	1.347	13.4	73	0.00
18 T	Methyl Acetate	1.075	0.968	10.0	74	0.00
19 T	Methyl tert-butyl Ether	1.909	1.725	9.6	76	0.00
20 T	Methylene Chloride	0.626	0.544	13.1	77	0.00
21 T	trans-1,2-Dichloroethene	0.567	0.523	7.8	77	0.00
22 T	Diisopropyl ether	2.011	1.959	2.6	82	0.00
23 T	Vinyl Acetate	1.611	1.525	5.3	79	0.00
24 P	1,1-Dichloroethane	1.104	0.993	10.1	76	0.00
25 T	2-Butanone	0.503	0.468	7.0	80	0.00
26 T	2,2-Dichloropropane	1.000	0.867	13.3	74	0.00
27 T	cis-1,2-Dichloroethene	0.671	0.622	7.3	78	0.00
28 T	Bromochloromethane	0.493	0.500	-1.4	88	0.00
29 T	Tetrahydrofuran	0.307	0.282	8.1	78	0.00
30 C	Chloroform	1.060	0.984	7.2#	78	0.00
31 T	Cyclohexane	1.005	0.938	6.7	77	0.00
32 T	1,1,1-Trichloroethane	0.950	0.861	9.4	77	0.00
33 S	1,2-Dichloroethane-d4	0.673	0.619	8.0	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.326	0.325	0.3	88	0.00
36 T	1,1-Dichloropropene	0.481	0.455	5.4	77	0.00
37 T	Ethyl Acetate	0.538	0.519	3.5	77	0.00
38 T	Carbon Tetrachloride	0.495	0.461	6.9	77	0.00
39 T	Methylcyclohexane	0.620	0.593	4.4	77	0.00
40 TM	Benzene	1.427	1.369	4.1	80	0.00
41 T	Methacrylonitrile	0.300	0.284	5.3	76	0.00
42 TM	1,2-Dichloroethane	0.502	0.463	7.8	76	0.00
43 T	Isopropyl Acetate	0.950	0.901	5.2	78	0.00
44 TM	Trichloroethene	0.366	0.357	2.5	80	0.00
45 C	1,2-Dichloropropane	0.380	0.368	3.2#	80	0.00
46 T	Dibromomethane	0.250	0.236	5.6	78	0.00
47 T	Bromodichloromethane	0.513	0.486	5.3	78	0.00
48 T	Methyl methacrylate	0.451	0.426	5.5	77	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.008	11.1	78	0.00
50 S	Toluene-d8	1.169	1.233	-5.5	91	0.00
51 T	4-Methyl-2-Pentanone	0.522	0.534	-2.3	84	0.00
52 CM	Toluene	0.865	0.870	-0.6#	84	0.00
53 T	t-1,3-Dichloropropene	0.590	0.583	1.2	80	0.00
54 T	cis-1,3-Dichloropropene	0.632	0.604	4.4	78	0.00
55 T	1,1,2-Trichloroethane	0.349	0.352	-0.9	83	0.00
56 T	Ethyl methacrylate	0.590	0.594	-0.7	82	0.00
57 T	1,3-Dichloropropane	0.607	0.603	0.7	81	0.00
58 T	2-Chloroethyl Vinyl ether	0.256	0.260	-1.6	85	0.00
59 T	2-Hexanone	0.398	0.419	-5.3	87	0.00
60 T	Dibromochloromethane	0.386	0.392	-1.6	84	0.00
61 T	1,2-Dibromoethane	0.369	0.374	-1.4	85	0.00
62 S	4-Bromofluorobenzene	0.447	0.502	-12.3	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.353	0.327	7.4	82	0.00
65 PM	Chlorobenzene	1.042	1.015	2.6	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.403	0.382	5.2	83	0.00
67 C	Ethyl Benzene	1.872	1.845	1.4#	85	0.00
68 T	m/p-Xylenes	0.717	0.715	0.3	88	0.00
69 T	o-Xylene	0.713	0.708	0.7	87	0.00
70 T	Styrene	1.160	1.182	-1.9	88	0.00
71 P	Bromoform	0.329	0.326	0.9	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.811	3.704	2.8	88	0.00
74 T	N-amyl acetate	1.914	1.889	1.3	92	0.00
75 P	1,1,2,2-Tetrachloroethane	1.303	1.239	4.9	89	0.00
76 T	1,2,3-Trichloropropane	1.258	1.056	16.1	78	0.00
77 T	Bromobenzene	0.917	0.879	4.1	88	0.00
78 T	n-propylbenzene	4.432	4.426	0.1	89	0.00
79 T	2-Chlorotoluene	2.718	2.654	2.4	89	0.00
80 T	1,3,5-Trimethylbenzene	3.204	3.126	2.4	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.490	0.456	6.9	85	0.00
82 T	4-Chlorotoluene	3.095	3.031	2.1	90	0.00
83 T	tert-Butylbenzene	3.281	3.132	4.5	87	0.00
84 T	1,2,4-Trimethylbenzene	3.239	3.125	3.5	89	0.00
85 T	sec-Butylbenzene	3.985	3.974	0.3	89	0.00
86 T	p-Isopropyltoluene	3.298	3.310	-0.4	89	0.00
87 T	1,3-Dichlorobenzene	1.720	1.695	1.5	90	0.00
88 T	1,4-Dichlorobenzene	1.735	1.690	2.6	90	0.00
89 T	n-Butylbenzene	2.937	3.000	-2.1	90	0.00
90 T	Hexachloroethane	0.689	0.678	1.6	89	0.00
91 T	1,2-Dichlorobenzene	1.683	1.624	3.5	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.311	0.278	10.6	82	0.00
93 T	1,2,4-Trichlorobenzene	1.080	1.053	2.5	86	0.00
94 T	Hexachlorobutadiene	0.448	0.434	3.1	86	0.00
95 T	Naphthalene	3.639	3.468	4.7	86	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.073	1.042	2.9	88	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6